From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: n0acs@juno.com (John R. Morris)
Subject: [19750] "A Redshirt" <occupant@ns.net>: Adjust My Order!!!
Message-ID: <19970516.120138.6847.1.N0ACS@juno.com>

GOD BLESS PEOPLE LIKE THIS!
              John-PHOENIX CRYSTALS

--------- Begin forwarded message ----------
From: "A Redshirt" <occupant@ns.net>
Subject: Adjust My Order!!!
From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [19723] An increase in junk mail? Anybody noticed.
Message-ID: <8D7E51F.0004002EA6.uuout@cheaha.com>

Has anybody noticed over the last couple of weeks an increase in junk
mail being received? Seems I've suddenly started getting the
"mass-mail" offers, deals on telephone services, etc.,. I use to get a
piece of junk mail all along, but here recently it's getting bad. I
know it's not from visiting a web-page or something like that because my
email is handled via my bbs and my surfing is done via an ISP. Just
curious if anybody else was having an increase. SRI fer the bandwidth,
but I really don't have another group to ask this to.

72/73
Ed Welch KF4KRV
NorCal Member #??? / 1st Grand Poobah ScQRPion of Alabama
QRP-L #873 / FISTS #2964
Luverne, Alabama : Crenshaw County - Grid EM61
PIPELINE BUNGY, Skippers Canyon, NZ
AAAALLLRRRIIIIIIGGGHHHHHTTTTTTTT!!!!!!
          +---+
----------+ Norcal 40a es Straight Key es Wire-wrapped Trees +----------
          +---+
                 >   Isn't "time" a 4-letter word?   <

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: wb2vuo@juno.com (William K Hibbert)
Subject: [19715] CB Website: Let's drop it yesterday...
Message-ID: <19970515.212733.7215.2.wb2vuo@juno.com>

My Delete key is getting overheated.

The last half-dozen posts seem to have more in common with the "Golden Showers" catagory in an Adults-only video shelf than with QRP.

Do the rest of us a favor, and if you feel compelled to comment further, send it directly, please.

Or go rent a tape & leave the rest of us to the regular topic, that being QRP, antlers and Badgers...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, KB2YTW/B 10 Mtr QRP Beacon (4 Watts @ 28.2870 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [19722] chuckle for those not going to Dayton :)
Message-ID: <8D7E53F.0004002EA8.uuout@cheaha.com>

Well, I'm here sitting at home hoping all our friends on there way to Dayton are having/have had a safe, fun trip. But, sitting here wishing I was there I figured I'd share this little chuckle with my non-Dayton-bound buddies. I thought it was pretty good, being as I have two daughter.<g>

A principal of a small middle school in Beaverton, Oregon had a problem with a few of the older girls starting to use lipstick. When applying it in the bathroom they would press their lips to the mirror and leave lip imprints. Before it got out of hand he thought of a way stop it. He gathered all the girls together that wore lipstick and told them he wanted to meet with them in the ladies room at 2 pm. They gathered at 2 pm and found the principal and school custodian waiting for them.

The principal explained that it was becoming a problem for the school custodian to clean the mirror every night. He told them that he felt the ladies did not fully understand just how much a problem it was and he wanted them to witness just how hard it was to clean. The custodian then demonstrated.

He took a long brush on a handle out of a box. He then dipped the brush in the nearest toilet, moved to the mirror and proceeded to remove the lipstick. That was the last day the girls pressed their lips to the mirror.

72/73
Ed Welch KF4KRV
NorCal Member #??? / 1st Grand Poobah ScQRPion of Alabama
QRP-L #873 / FISTS #2964
Luverne, Alabama : Crenshaw County - Grid EM61
PIPELINE BUNGY, Skippers Canyon, NZ
AAAALLLRRRIIIIIIGGGHHHHHTTTTTTTT!!!!!!
          +---+
----------+ Norcal 40a es Straight Key es Wire-wrapped Trees +----------
          +---+
                 >   Isn't "time" a 4-letter word?   <

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: John Yarbrough <jyarbro@radia1.com>
Subject: [19724] Equipment Manuals
Message-ID: <1.5.4.32.19970516112425.00c669f0@radia1.com>

I ran across this website recently. I haven't ordered a manual from this guy yet, but I intend to obtain one for my Kenwood AT-200.

        http://www.sario.com/sario/rsman2.html

Try it at your own risk. If anybody has dealt with this person, please let me know inre to reliability, quality, etc.

                Cheers es Beers, John KR4RO

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: NO OTHER THAN <mitch96@idt.net>
Subject: [19717] fair price of vibrokeyer
Message-ID: <337BC489.7FA2@mail.idt.net>

hi gang,

ok all you Vibroplex/keyer guru's. put on your "whats a fair price"
hats. got a offer to purchase a vibrokeyer, grey base, sn#65810, no box,
in excellent condition(or can be returned).$75 bucks and he pays
shipping.
deal or no deal????
mitch,n4jbw ..

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Stew Whitehouse <STEW_W@compuserve.com>
Subject: [19728] fair price of vibrokeyer
Message-ID: <199705160853_MC2-16BC-9A59@compuserve.com>

Hi Mitch,
Are you sure about that serial number? I'm not
an expert, but my Vibro-keyer has tan base and
serial number 230316. I bought it used in 1965
(for $8) and understand is was made in the late
1950's. With a serial number of 65810, the one
your looking at must be very old, or numbers were
recycled at some point. I'm sure that some readers
of the list will know more about this than I do.

With new ones running around $130, $75 seems
fair if the key is in good shape and as original,
without modifications. Remember the value of
anything is whatever the buyer and seller can
agree to! (did you make an offer of $25?) :-)

I guess it is time for me to buy one of Dave Ingram's
books. I also have an old Vibroplex Lightning Bug
(chrome base, # 262938) sitting around the shack.
 =

Hope this helps, you got me curious now.
72/73 Stew ke4yh
Dunedin, Florida

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: NilsBull@aol.com
Subject: [19759] First day's travails +c: Dayton 1997
Message-ID: <970516162257_-698640501@emout03.mail.aol.com>

Ok, gang -- or at least that part of the gang what ain't deplaned at Dayton
-- here's the deal.

We started the day with decent but chilly weather. The badgers were wearing military surplus blankets until about 12 p.m., when the doors opened. I went inside with the first few and discovered a completely assembled manual describing how to prewire an HW7. Then we split up and took to the floor. The dancing was fast and furry, lemme tell you, sailor.

The QRP corner was packed. Seriously. I had a hard time getting to the table just to see what kind of stuff Dick Pascoe had dragged over in his luggage. Already have about $240 spent and I ain't even got nothin' yet. Checked out the TenTec booth and their new (eh?) QRP stuff. Neat toys, y'all.

Wandered around the flea market and found a guy trying to sell an old Navy Loose Coupler (with Marconi mfg license tag on the bottom). He was very apologetic about the stiff price, as if I expected such old stuff to be superfluous. Or was that superceded? Hmm.... where's my PostModern-to-PrePostModern dictionary?

Hope the weather holds. The roofers are tearing and nailing above my head as I squeak. They have yet to discover and deconstruct my 40m dipole tacked to the rafters. Well, it ain't quite 40m's worth, but it's an antenna, dammit. Very weird hearing people on the roof. Once or twicet I almost duct. It was enough make me quack up fwom the pwessure.

Tomorrow: snowshoes & rainbuckets.... raucus parties ' til Dawn.

73
Nils
WB8IJN +c

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [19739] FS or FT Argo 556 with all band modules, etc.
Message-ID: <33807bdc.88988913@smtp.usit.net>

=46or Sale or Trade:

Outbacker, Jr. 4 ft. HF Mobile antenna (80-10m) $140 plus shipping.

MFJ 9040 40M CW Tranceiver (QRP) for $100 plus shipping. Covers the entire CW portion of 40m, including the novice subband.

Alinco DJ-160T 2m Handheld with carry case, two batteries, and wall charger, AEA collapsable antenna (10" closed, end-fed 5/8 when extended to 3 ft.), original rubber duck antenna. MARS/CAP

modified, rx/tx 135-179 MHz. $160 plus shipping

Sanegean 803 (RS DX-440 label) general coverage receiver with FM broadcast, BFO, narrow/wide filter, Scan, 10 memories for $100 plus shipping.

Will trade for:

Alinco DX-70, Kenwood TS-50, Icom IC-706, or similar compact HF rig.

Dual band VHF/UHF mobile rig (no HT's, please) with dual in-band recieve (VHF/VHF, UHF/UHF, VHF/UHF). Yaesu FT-5100, Alinco DR-610, or similar. How about the Alinco, the MFJ, the Outbacker, and the Sanegean/RS plus $100 for the vhf/uhf mobile rig? (a $600 value?)

Also have for sale or trade:

TenTec Argo 556 with NB and *COMPLETE SET* of *ALL 9* HF band modules (160-10m) -- will *not* separate band modules -- for $650 plus shipping. Will only trade this item for Alinco DX-70, Kenwood TS-50, or similar compact HF radio. Argo plus $100? (a $750 value?)

72 es 73 de=20
Marty, KM7W

____
Jackson, Tennessee   e-mail: mdwatt@usit.net
                                  http://www.public.usit.net/mdwatt
                                           "The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~~

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: "Brian K. Short" <ke7gh@primenet.com>
Subject: [19718] FS: Spring Cleaning Sale
Message-ID: <3.0.1.32.19970516023803.006d5340@mailhost.primenet.com>

Became involved in a large project and also all Summer activities limit my time, so I'm selling the following:

Ramsey HR-30 30m All Mode Receiver new $29.95
Matching Case and Knob Set   new $12.95

                                       $42.90
Both in original kit packaging (unopened) for $25 + $3 s/h (priority)
~~~~~~

Also have an unbuilt 49'er ($25, too)

I'll keep them for next Winter if I have to...

Brian ke7gh@primenet.com >or< http://www.primenet.com/~ke7gh

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Subject: [19757] FS:MFJ 9406X - 6 mtr radio
Message-ID: <199705161949.PAA00741@sable.cc.vt.edu>

For sale: excellent condition (couple of minor scratches) 9406X 6 mtr radio with two hand microphones (one from MFJ and the other from Rat Shack which MFJ recommends) plus optional CW board installed and manual. I do not have the original box. I am the original owner and it is but a few months old. I have used it during the last two weeks for openings we have had and honestly am amazed at how good the receiver is as well as the transmit audio. I'll even throw in a 6.5 AH gell cell.   I am asking $175 or best offfer. Contact me at :

Buhyoff@vt.edu

or call me at home this weekend at 540-951-4097 before 9PM EASTERN

or between 4 and 9PM EASTERN on weekdays.

Thanks,   Greg K2UM

Gregory J. Buhyoff
Julian Cheatham Professor
Virginia Polytechnic Institute and State University
Blacksburg, Virginia 24061

Phone: 540-231-5148

E-mail: Buhyoff@vt.edu

FAX: 540-231-3698

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Steve Galchutt <N0TU@webaccess.net>
Subject: [19720] HELP!! Need HW-8 VFO Cap
Message-ID: <337BD582.4A58@WebAccess.Net>

YIKES!!! My cherished HW-8's VFO capacitor's plates keep falling off the shaft. I tried expoy and other glues
and soldier but I think I need to find a replacement Capacitor.... ANYONE know where to find one or have one
in threir junk box???? This is disaster... the HW-8 is my primary station rig. I'm lost w/o it. My keys will
get dusty!!! Maybe the badgers caused this? Steve/N0TU

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: john williams <ac6ts@n2.net>
Subject: [19738] HW-8 RIT info needed
Message-ID: <199705161520.IAA14102@ravel.n2.net>

I have a hw-8 and would like to install a RIT. And maybe an S-meter etc.
It's a fun little rig and i use it a lot.
Can anybody out there tell me how to install the RIT ar tell me where i
can find the published mods?

tnx john AC6TS@n2.net

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: James Parsons <k5rov@worldnet.att.net>
Subject: [19743] K5ROV new E-Mail address
Message-ID: <337C8319.31AD@worldnet.att.net>

My E-Mail address has been changed to:

k5rov@worldnet.att.net

Thanks and 73
--
James (Jim), Parsons, K5ROV USAF, Ret.
k5rov@worldnet.att.net
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),

DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: n0acs@juno.com (John R. Morris)
Subject: [19751] Karl Heimbach <heimbach@concentric.net>: Re: PHOENIX CRYSTAL
Message-ID: <19970516.120139.6847.2.N0ACS@juno.com>

GOD BLESSES PEOPLE LIKE ME WITH CUSTOMERS LIKE THIS.....IT'S WHAT GIVES ME A WARM FEELING WHEN I'M HUNKERED OVER THOSE CRYSTALS I'M MAKING.
     John-PHOENIX CRYSTALS

--------- Begin forwarded message ----------
From: Karl Heimbach <heimbach@concentric.net>
Subject: Re: PHOENIX CRYSTAL GROUP BUY.
From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [19731] LOUSY CONDX LAST NIGHT
Message-ID: <9704168637.AA863795946@smtpgw.ccgate.dl.nec.com>

     Gang:

     Was it just my QTH, or did we have extremely POOR
     band condx last night? Even 20m, which is usually
     booming with signals, was way down in the mud (lots
     of S1-S3 sigs). I even spun up to the phone area
     and found few QSO's there.

     The RTTY at 10.130 (usually +20) was only about
     a S5 here. 40m was ok, but not great either.

     How 'bout it? Anybody else have a terrible time?

     73 de Dave NR3E/5
     nr Dallas, TX
     qrp-l #25, ARRL
     WIMPS: Qs=033 30m=028 17m=05 12m=00 States=024/05/00
                                                DX=02/00/00

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997

From: mdwatt@usit.net (Marty Watt)
Subject: [19760] MMA SLV questions
Message-ID: <337cbda5.105832640@smtp.usit.net>

OK all you MMA SLV experts, who I know are picking up list mail at Dayton ... :)

I received the coil today (had the pole for abt. a week). But, before I begin messing with it, I have a few questions.

=46irst, the radiator:

Vern's instruction sheet specifies appx. 13 ft (+/- 1ft) for 80, 40, and 30m. Makes perfect sense, puts the top of the coil at 7' above the base. at 30m, a 1/4 wave is 23 ft, the appx. 20 ft pole length plus a little bit of coil in line.

15, 17 and 20 m are specified at 6.5 ft, (+/- 0.5ft). I'm assuming this is making an end-fed half wave on those frequencies, still using the coil for the tuning on the bands?

What about 12 and 10m operation? work with just the coil (no top radiator?) for 1/4 wave (8.25 and 9.375 ft is 1/4 wave at 10 and 12m, respectively)? Or add the 6.5 ft radiator and work as an end-fed halfwave (16.5 ft. for 10m, 18.75 ft. for 12m)?

Or am I really confused?

Now the radials:

Do end-fed half-wave verticals require radials? seems there needs to be *some* sort of system to decouple the feedline from the antenna proper. But, no radials are shown on the instruction sheet for 20-10m -- are the 80-40 radials used, or are they simply left off?

=46inally, power capability:

The original design of the SLV is for QRP operations, obviously. Will the coil accept QRO operations, if necessary (I'm thinking this will be an excellent emergency operations antenna)? I'd think 150-175 watts would be max, probably only 100, but want to leave some room for comfort.

In some of the notes on the NorCal Web page for the original SLV, #20 stranded is mentioned handling up to 40 watts or so.

In addition to the need for radials on 20-10m, what would be the

requirement to run QRO on the radials? I wouldn't think the
5-conductor rotor cable mentioned on Vern's instruction sheet would
be capable, but it could be.

Thanks for the help ... I'm going out to the storage room to get the
trusty ol' ARRL Antenna Handbook to see if it is any assistance.
The regular handbook wasn't much help -- it only deals with 1/4 wave
verticals.

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee   e-mail: mdwatt@usit.net
                                  http://www.public.usit.net/mdwatt
                                          "The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~~

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: ukii@megsinet.net (ukii)
Subject: [19734] New use for item?
Message-ID: <19970516134352096.AAA144@ns1.megsinet.net>

Hello Gang.
Well,you guys probably been doing this for years but I just found out.
I was sick and tired of my computers mouse hanging up on that
darn worn spot on the pad so I went and bought a new mouse pad.
Anyway,
Flip your mousepad over and use it to "line" the desk when
working on these kits. The rubber stops stuff from sliding
all over the place,and those little dimples in in stop screws from rolling
away.
 Also noticed I dont have to "chase" that lead I am
trying to solder!
Works real good! Prevents scratches etc...
Give it a try.
73 de john
n9ukx

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Mike Duke <K5xu@cris.com>
Subject: [19721] ORIGINAL EXPLORER RCVR HELP PLEASE
~~~~~~

Message-ID: <Pine.SUN.3.96.970516004517.18593C-100000@galileo.cris.com>

Anyone have any mods to turn the Explorer receiver into a useable
electronic signal sapper?

I'm considering sending it to OHR, but even Dick admits that it's weak.

73,
Mike

AMATEUR RADIO STATION K 5 X U
Jackson, Mississippi

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: torell@sicom.com (Kent Torell)
Subject: [19747] prop update from last night
Message-ID: <v02130503afa23c190cc9@[192.91.202.41]>

I tried re-directing this report to the list, but I think redirecting
leaves the originators address on as the originator, so it hasn't appeared
yet. ...Kent

** IONOSPHERIC AND GEOMAGNETIC STORM UPDATE **

18:30 UTC, 15 May 1997

Major to severe geomagnetic storming has been observed over approximately the last 9 hours as the main phase of the coronal mass ejection impacts the Earth. Some middle and high latitude magnetic observatories reported very large deviations in the magnetic field. Meanook in Alberta Canada reported a deviation of 1,450 nT between 12:00 and 13:00 UTC and Sitka in Alaska observed a deviation of 1,646 nT at the same time (normal quiet-time deviations are only between 5 and 20 nT).

Considerable expansion of the auroral zones into the northern U.S. states during the local evening hours produced visible auroral activity throughout many middle latitude regions. The Eastern U.S. was hampered by bad weather and hence was not able to observe much activity, but the western U.S. saw strong levels of auroral activity. Many reports of activity have even been received from New Zealand over the last 3 hours.

The expanded auroral ovals brought substantial ionospheric instability and increased absorption to middle latitude regions. Sporadic-E, spread-F and

serious multipathing has all but shut down most HF circuits on middle latitude and poleward signal paths.

In the midst of all of this, Australian regions observed very large enhancements in critical F2-layer frequencies and F2-layer maximum usable frequencies earlier in the UTC day. For example, Learmonth reported critical F2-layer frequencies +90% ABOVE NORMAL 30-day values at 12:00 UTC. Townsville also reported enhancements as high as 90% above normal levels at 09:00 UTC, concurrent with enhancements observed at Camden of about 75% above normal.

These enhancements would have resulted in MUFs of near 30 MHz at 09:00 UTC for Townsville (opening the 10-meter band for long-distance communications) where normal MUFs are about 16 MHz.

The enhancement at Learmonth at 12:00 UTC would have pushed the F2-layer MUF to 20.9 MHz where the normal MUF was only about 11.1 MHz for this time of day. The biggest impression was the peak MUF for Learmonth at 09:00 UTC which increased from a normal level of 21.3 MHz to an impressive 34.0 MHz, easily opening the 10-meter bands. In fact, propagation should have been strong enough to keep the 10-meter band open near Learmonth for almost 4 hours between 06:00 UTC and 10:00 UTC! However, signal instabilities may have degraded propagation somewhat.

Propagation conditions continue to be strongly depressed at 18:30 UTC over most regions. Major to severe geomagnetic storming is continuing to be observed over many regions. This activity should begin subsiding over the next 6 hours as the main belt of the disturbance passes by the Earth.

HF radio propagation conditions will require a day or two to recover from this activity.

Software to monitor these conditions yourself can be found at:
http://solar.uleth.ca/solar/www/swarm.html

A 46-page guide designed to help explain how to interpret space weather for radio propagation analyses can also be found at the above WWW site.

** End of Update **

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: "Howie Weinstein" <k3hw@hotmail.com>
Subject: [19758] QRP EQUIPMENT FOR SALE
Message-ID: <199705162005.NAA25161@f10.hotmail.com>

Fellow QRPers,
As you all know I was recently laid off from my position at Lockheed-Martin...I posted my equipment for sale and received an excellent response... The following equipment is still available:

QRP++ Immacualate condition sn#1198 all upgrades with MFJ mike power cord all documentation $550.00 postpaid

ASTRON VARIABLE 0 - 15 VDC power supply. very good condition $75.00 - somewhat heavy you ship... If you buy the QRP++ you can have the supply for $25.00!!!

Radio Shack Transistor Tester - New In Box - $30.00 postpaid.

Thats all folks... please contact me via QRP-L or at my home address

Howard Weinstein K3HW
460 B Barton Run Blvd
Marlton, NJ 08053

(609) 596-4548

Thanks and if any of you know of a position available for a C/UNIX programmer with RF Engineering/Microwave background let me know!

Get Your *Web-Based* Free Email at http://www.hotmail.com

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Nick Franco <kf2ph@bnl.gov>
Subject: [19753] qrp-l comraderee, etc.
Message-ID: <337CABFA.34B7@bnl.gov>

Hi QRP-Lers,

I love to listen in on a QSO and see if they are running qrp or if they mention the QRP-L club, etc. I just gives me that warm fuzzy feelin'.

Today I was on my way back from lunch and listened in on a QSO in progress. I guess it was well into things because I already missed all

the fundamental parts. I heard the callsign of one station. It was our own AA0XI - Marshall and he was signing /M9 on his way to Dayton. It was music to my ears, so I tuned in a little better. I heard him ask the other station if he was on QRP-L and Joe affirmed. Wow, was I having a treat here. I didn't recognize Joe's call W2KJ, but one of our family here all the same. I tried to position my signal between theirs (they were not zeroed in) in hopes to say a quick hello to Marshall who was booming in to me at about 579. I didn't think Joe would even hear me with the condx lately. However, Joe picked me right out and asked Marshall, who didn't hear me at all. I waited for their QSO to end and Joe called me back. We had a quick but enjoyable chat. That made me day.

I don't know if everyone on the list feels this way, but I'm sure I'm not alone either. This is the greatest thrill to me; making a QSO with members of this list. I don't have any real interest in DX although it's nice to make it through on qrp power. My greatest thrills are when I make a q with one of you all. As we grow larger in numbers the chances are getting greater to work each other. I especially get a charge when I work one of you from the car on my SW-30 at 2 watts to the Hamstick (even if it isn't the greatest antenna in the world).

So I figured I'd send in a post about this experience in the name of comraderee (sp?). Also to let you know that at lease Marshall is on his way to Dayton as planned and working mobile CW to boot. Joe, I'll send you out a card today. Thanks for the Q.

have a great weekend all,
nick - kf2ph
qrp-l # 13

--
Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Sr. Systems Specialist   RHIC Project   Building 1005
Tel: (516) 344-5467   UPTON, NY   11973-5000
Fax: (516) 344-3674   Ham Call: KF2PH
Email: nickf@bnl.gov   http://www.rhichome.bnl.gov/People/franco

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: ldeering@idt.net (Larry Deering)
Subject: [19726] RULES OF ENGINEERING
Message-ID: <199705161224.IAA28703@u3.farm.idt.net>

        In the late 60's I built a stereo audio power amp. It was a pretty complicated complementary symmetry direct coupled design. The problem with

homebrewing this type of amp is that one bad component or wiring error could blow most of the transistors in a channel, and smoke a few passive components as well. I finished building it while on a holiday visit to my parents house, and decided to test it right there on the kitchen table. While hooking up a preamp and speakers, I gave a running narrative of what could go wrong to my parents, brother, sister, and wife (who heard it all before!) This transistor shorts, that one opens, etc. Whether it worked or not, it was going to be the best entertainment of the day. So, with a last minute check and a flourish, I pushed the plug in the wall. (Actually for years the plug would function as an on off switch, until it cracked and the xyl got a shock, but that's another story.)

Nothing happened! No smoke rose, no sound, squeal, nothing! In a panic, I touched preamp inputs to create a hum. I sniffed the air maybe too close to the supply, and gripped the power transformer to feel vibrations. Almost in panic, I probed the supply with the VTVM, nothing! Could it be a fuse, a connection, transformer winding, or... why is the coffee pot starting to perk? Heh heh, wrong line cord trick, anyone could make that mistake, right? Plugged in the correct cord, and we had music, merryment, and a red-faced homebrewer.

72, Larry W2GL

==========

KO6TS wrote:

> Rules of Engineering:
> 1. Is it plugged in?
> 2. Is it turned on?
> 3. Is it plugged in RIGHT?
> 4. Reseat the parts.

Followed by a recommendation to use kid gloves by Brad, WB0CGH:

Yeah, but you'd be surprised at how many people will take personal offense when you ask these questions. I work for a large defense contractor as a test engineer, and build and maintain many large custom factory test sets. Many years ago I had a large RF test set at a remote site about 40 miles away from where my office actually was. One morning the senior technician working at the site called me to indicate that he was getting no RF out on one microwave band after replacing the travelling wave tube amplifier. Because of the distance, I always tried to do what troubleshooting I could over the phone, and, in fact, often was able to resolve problems without ever driving to the site. I started by asking the obvious questions like "Are the filaments on?" and "Is the high voltage on?" after which he lit into me yelling about "Well how dumb do you think I am?" and "Give me credit for having some smarts!", to which I quietly hung up and politely went and told his boss that I didn't have to take that kind of abuse, and when he wanted to calm down and call me back, I'd try and help. I never heard from him again, and several days later found out that he had swapped the input and output cables on the rear panel of the TWTA. As far as I'm concerned, there ain't no such thing as a dumb question,

and the questions that I asked him were all things that I'd done myself at one time or another.

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Jay & Jackie <jayboy@psnw.com>
Subject: [19733] SLV w/MMA question
Message-ID: <3.0.1.32.19970516063316.006ab790@mail.psnw.com>

Question:

I just put my SLV together (the MMA version with the 40 meter coil)...Stuck it in the front yard (Live in condo area...neighbors watching and I'm sure phoning the "condo cop"), attached my Autek to a 3 foot piece of coax and did not put any radials on yet.....(Interestingly enough the test gear cost 3X the price of the antenna)...Anyway, I expected to drop the SWR to a nice low level. I have a Screwdriver mobile antenna that does a great job without radials. The best I could do on 40 meters was an SWR of 6 and Resistance of 196 Ohms. What's my next move?......I don't want to junk it.

Thanks and 73

     Jay W6JDB Madera, CA
          jayboy@psnw.com

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [19716] Stacking Antennas
Message-ID: <19970515.183105.2623.3.kb0rol@juno.com>

THANKS,

Ask a simple question and get LOTS of great answers. For the most part you all agree - put the VHF about 1/2 wave or 1 meter above the HF. They should be 1/2 wave apart but that would be too much for the HF antenna.

Most say just do it - put them as far apart as possible but what ever seems to work.

Thanks again.

One last thing - a reflector called TowerTalk (or something like that) is

out there. The instructions were posted but I deleted it (got the wrong one). Could it be reposted?

Thanks

de KB0ROL, Brad

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [19711] VLA Detects Gamma-burst
Message-ID: <199705152325.RAA00861@zia.aoc.nrao.edu>

It has been busy and interesting the last few days here at the observatory. The VLA is observing/mapping a region in the sky only a few milli-arc seconds across that was the sight of a huge gamma-burst last week. Astronomers do not yet know what process causes such huge gamma production, and this time, the VLA has pin pointed the source and for the first time, high resolution imaging is taking place. This may answer the question whether these gamma bursts are coming from some KNOWN celestial object (galaxy, quasar, etc.), or whether an entirely new class of object, previously UNKNOWN, is about to be discovered.

ObQRP: The received levels of the radio emissions are in the vicinity of 2 x 10EE-24 microwatts, or only about 16 degrees K. If my math is right, that would be 2x10EE-27 mW (0dBm) which would be a received signal strength of -267dBm. Now THAT is QRP!

I'm attaching the official Press Release issued today about this. Also note that the NRAO contact person, Dave Findley, is fellow Socorro QRPer N1IRZ/5.

72, Paul "not at Dayton" NA5N

National Science Foundation May 15, 1997
Press Release NSF Pr 97-37

Contact:

Dave Finley
National Radio Astronomy Observatory
(505) 835-7302
dfinley@nrao.edu

VERY LARGE ARRAY DETECTS RADIO EMISSION FROM GAMMA-RAY BURST

Astronomers have used the National Science Foundation's (NSF) Very Large Array (VLA) radio telescope to make the first detection of radio emission from a cosmic gamma-ray burst. This sheds the first light on longstanding questions about the actual physics of these mysterious, tremendously energetic events.

"The mere discovery of radio emission from this gamma-ray burst rules out some theoretical models," said Dale Frail of the National Radio Astronomy Observatory (NRAO) in Socorro, New Mexico. "We are still observing it and each additional observation will help further discriminate among competing models."

"This detection may finally tell us what these mysterious gamma-ray bursts are, helping to resolve one of the biggest mysteries in astrophysics," said Hugh Van Horn, Director of the NSF's Division of Astronomical Sciences.

The burst of gamma rays was detected May 8 by the Italian-Dutch satellite BeppoSAX. Hundreds of such bursts have been recorded by satellites in the past 30 years, but last week's event already has become the most scientifically significant of them all. For years, the difficulty of precisely locating the bursts' position in the sky made it nearly impossible to study them with optical and radio instruments. In late 1996, this situation improved with the launch of BeppoSAX, which can pinpoint the bursts' location much more accurately than previous spacecraft.

A team of astronomers from Caltech and NRAO, using the 10-meter W.M. Keck Telescope in Hawaii, found visible light coming from the May 8 gamma-ray burst. They announced yesterday (May 14) that analysis of its optical spectrum showed its minimum distance to be about seven billion light-years away, thus resolving the distance question.

The VLA was trained on the May 8 burst less than four hours after the burst's discovery, but no radio emission was found until May 13. A repeat VLA observation early on May 15 showed that the radio emission is increasing in intensity. The May 15 VLA observations also show that the radio emission increases in intensity at shorter radio wavelengths. Frail and his colleagues will continue to observe the object with the VLA, and also plan to quickly use the continent-wide Very Long Baseline Array (VLBA) to make extremely high-resolution images.

"By tracking changes in the radio intensity at different wavelengths and getting very high resolution images, we hope to gain unprecedented knowledge about a class of objects about which -- just last week -- we knew almost nothing," Frail said. "The Keck

observations showed that they are very distant. We still have no idea about what kind of parent objects give rise to gamma-ray bursts. With our planned VLBA observations, we hope to get at the heart of this problem."

The VLA and VLBA are instruments of the National Radio Astronomy Observatory, a facility of the National Science Foundation operated under cooperative agreement by Associated Universities, Inc.

-NSF-

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: fmathews@norfolk.infi.net (Frank Matthews)
Subject: [19727] W1AW Receiver
Message-ID: <v01530500afa212335d18@[208.131.169.236]>

Hello Fellow QRPer's

All of my parts arrived from Digi-Key yesterday that I ordered to build the W1AW receiver project featured in this month's QST. Has anyone out there completed this project and if so what did you think of your results? Most of all did you find any suprises (mistakes)?

I also ordered all the parts to build the PIC based digital display. Digi-Key had all of the parts however the LCD displays are on backorder until JULY! :-((just in case anyone is thinking about building it)

Everyone have a great weekend...especially all of you poor souls in Dayton! :-)

73, Frank

PS...Can I at least get some e-mail from Dayton this weekend?

Frank Matthews
Technology Education Department
Oscar F. Smith High School
1994 Tiger Drive
Chesapeake, VA 23320
(757) 548-0696 Ext. 51
Email/fmathews@norfolk.infi.net

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [19741] Xmtr Design help wanted
Message-ID: <199705161534.IAA13668@dancris.com>

I received a note on my web page from JuanIgna Muaricio Isla Cortes, CE6WBM, requesting information on schematics, pcb layouts, etc., for a 40M, >10 watt transceiver.

Not qrp I know, but if anyone has any information they would be willing to share, please e-mail him at:

     Jimic@chilepac.net

Thanks

73,
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ Grid DM43bi Lat 33.334500 Long -111.87260
NorCal #1221   ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL
http://www.dancris.com/~ki7mn
WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=5

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [19719] Re: CB Website: Let's drop it yesterday...
Message-ID: <199705160245.TAA02749@dancris.com>

At 09:27 PM 5/15/97 PST, you wrote:
>My Delete key is getting overheated.
>

>Or go rent a tape & leave the rest of us to the regular topic, that being
>QRP, antlers and Badgers...
>
>

Speaking of badgers, where is Nils? Must be finals or something.
73,
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30, not in any order of importance.

http://www.dancris.com/~ki7mn

WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=5

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: ukii@megsinet.net (ukii)
Subject: [19732] Re: fair price of vibrokeyer
Message-ID: <19970516132232135.AAA117@ns1.megsinet.net>

Hello Mitch and Gang.
Decided to post this to all for the younger members of the list.
You old flatulators already know I am sure...

A fair price for anything is what the item is worth to you.
This goes for both the seller and buyer.
If you really must have that Silverplated left-handed screwdriver am sure
you would be happy to pay big money for it.
On the other hand if you own 5000 of those screwdrivers you probably would
be happy to sell them for a song (Catter Wall on a Hot Tin Roof?)

Deals... Well,I usually miss out on these. My patience doesn't allow
me the luxury waiting for that "MUST SELL, xxx for 50 bucks!" message
which consistantly and magically appears soon after I make a purchase.
I am satisfied with the deal I just finalized though,because "I wanted it"
and
"it was worth it" to me.

Deal Snatchers: Well,do I need to go here? Nooooo!

Summary;
     If you want it,and you can live with the price...seems to me its a
                                                FAIR price!
One mans junk is anothers treasure???

Best 73 de john
n9ukx

(I have spent from 10 bucks to 125.00 for keys and happy with them all)
(Flame Away! Cold front in Chicago!)

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: AE0Q V31RY <v31ry@ix.netcom.com>

Subject: [19740] Re: fair price of vibrokeyer
Message-ID: <2.2.16.19970516152818.20d74918@popd.ix.netcom.com>

At 22:20 15-05-97 -0400, N4JBW wrote:
>ok all you Vibroplex/keyer guru's. put on your "whats a fair price"
>hats. got a offer to purchase a vibrokeyer, grey base, sn#65810, no box,

  In the Spring 1997 QCWA Journal, WW7P published an extensive listing of all Vibroplex Keys, the serial numbers and the dates of production runs.

Vibro-keyer: started production Jan 1960

A vibrokeyer with serial #230316 was made in 1963; one with serial #65810 was made in 1991 (I have one that's #265062, 1970).

A Vibroplex Lightning Bug #262938 was made in 1969, the production run for Lightnings was from 1927 to 1980.

  Vibroplex serial numbers are not sequencial for all products, after 1979 they started reusing numbers from around 1915. The article states that until 1915 each product had it's own block of serial numbers, after that they were issued consecutively, and started jumping around after 1979.

  Hope this helps!

73 -- Glenn

"Remember, any tool can be the right tool!"   Red Green

     AE0Q / V31RY   ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
  v31ry@ix.netcom.com   --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--
http://www.qsl.net/ae0q

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: "John A. Evans - N3QOO" <jaevans@cos.cst.titan.com>
Subject: [19710] Re: FS: Cushcraft R7 vertical
Message-ID: <199705152311.TAA172187@nss2.CC.Lehigh.EDU>

> I've heard that peeing on an antenna (after making sure to remove the
> feedline and grounding the antenna) can restore full operation even
> after severe RF fatigue. At the very least, you can improve the
> conductivity of the soil directly underneath the antenna.

Dana,

This only works for CB antennas !!!!

john - n3qoo

John A. Evans   Chief System Administrator
Office: (719) 528-1800 x164   Titan Client/Server Technologies
Fax: (719) 528-1275   1115 Elkton Dr, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp   #15   NJ-QRP #50   AK-QRP   #52   NW-QRP #454
Personal Web Page: http://www.geocities.com/capecanaveral/9773/

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [19712] Re: FS: Cushcraft R7 vertical
Message-ID: <337B9BD1.396E@qsl.net>

John A. Evans - N3QOO wrote:
>
> > I've heard that peeing on an antenna (after making sure to remove the
> > feedline and grounding the antenna) can restore full operation even
> > after severe RF fatigue. At the very least, you can improve the
> > conductivity of the soil directly underneath the antenna.
>
> Dana,
>
> This only works for CB antennas !!!!
>
> john - n3qoo
>
>

Hooo hoooo !!!! Laugh of the day!
thanks!
--
72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
mailto:we6w@qsl.net QRP-L member #1068.
http://www.qsl.net/we6w

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Stew Whitehouse <STEW_W@compuserve.com>
Subject: [19729] Re: FS: Cushcraft R7 vertical
Message-ID: <199705160853_MC2-16BC-9A5E@compuserve.com>

Amazing how a simple notice to sell an antenna
can degenerate into such dribble!
Stew, ke4yh
Dunedin, Florida

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Jay & Jackie <jayboy@psnw.com>
Subject: [19730] Re: FS: Cushcraft R7 vertical
Message-ID: <3.0.1.32.19970516062031.006ab790@mail.psnw.com>

At 08:53 AM 5/16/97 -0400, Stew Whitehouse wrote:
>Amazing how a simple notice to sell an antenna
>can degenerate into such dribble!
>Stew, ke4yh
>Dunedin, Florida
>
>
>Dribble....I think I get it. :-)

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Brian Cieslak <brianc@ams-i.com>
Subject: [19737] Re: FS: Cushcraft R7 vertical
Message-ID: <c=US%a=_%p=Adaptive_Micro_S%l=AMS-I_SERVER_-970516150227Z-1700@ams-i-server-1.ams-i.com>

> From: Tim H. Ahrens <tahrens1@juno.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Re: FS: Cushcraft R7 vertical
> Date: Thursday, May 15, 1997 12:22 PM
>
> >>
> >>>3 trips to Belize (over 6,000 QSO's have been made with 100
> >>>countries using this antenna on CW and RTTY).
>
> Sounds like it's useful life is almost over... everybody
> knows that antennas can only support a certain number of
> qsos.. or perhaps it is the amount of RF that flows through
> it. (I'm sure someone out there can help me out on this).

6000Q's...That antennas was smokin....

sounds like the only market would be in the northern regions where
everyone knows that antennas work better when they're cold. Less thermal
noise, better conductivity. Could probably get another 6000 q's out of
it in alaska.

I've heard that the antenna can be discharged by stroking a magnet
across its full length, one for each qso that has passed through it.
Thats electrical length, so you'll have to get out the log book and sort
out the number of qso's by band.

Just havin fun...practicing for those FD Bull sessions.

Brian AE9K

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [19709] Re: FS: Cushcraft R7 vertical (Long)
Message-ID: <Roam.SIMCSD.2.0.4.863737477.3649.myers@bigboy>

Alan V31FA wrote:

> Tim:
>
> You raise an interesting point. Unless the antenna "knows" the number of
> QSOs it has supported and can support, it can only react to the quantum of
> RF flowing through it. In the latter case, it is possible for an
> inexperienced operator, at the bottom of the sunspot cycle, using a
> half-deaf receiver which also needs realignment (I am sure you can think of
> the appropriate combinations) to use up the useful life of an antenna
> without a single dx contact, or even (don't say it) any contact at all! Is
> there an odometer for antennae (or for any other piece of ham gear, for
> that matter)?

I've heard that peeing on an antenna (after making sure to remove the
feedline and grounding the antenna) can restore full operation even
after severe RF fatigue. At the very least, you can improve the
conductivity of the soil directly underneath the antenna.

Dana K6JQ

Dana@Source.Net

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Vic Rosenthal <rakefet@rakefet.com>
Subject: [19713] Re: FS: Cushcraft R7 vertical (Long)
Message-ID: <337BA935.6CD5@rakefet.com>

Dana H. Myers wrote:
>
> I've heard that peeing on an antenna (after making sure to remove the
> feedline and grounding the antenna) can restore full operation even
> after severe RF fatigue. At the very least, you can improve the
> conductivity of the soil directly underneath the antenna.

Years ago when I was 4X6GP in Glil Yam, Israel, I dug a hole for my 50 foot mast with tribander. After I put the base in it but before I poured the concrete, my son, who was about four at the time, ran over and -sheer instinct, I guess- peed about a gallon into the hole. I immediately filled it with concrete, and put up the antenna.

Now, I was always surprised at the performance of that relatively modest antenna. Many times, hams in the US told me that I had the strongest signal of all of the 4X's on at the time. Shunt-fed, the mast worked very well on 80 meter CW, too.

At last I understand!

Vic K2VCO

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [19744] Re: HELP!! Need HW-8 VFO Cap
Message-ID: <337C8712.6EAA@qsl.net>

This is bad new Steve. I noticed I had to re-seat
my plates a few times due to over-torqueing the Knob.
(My son, not me!)

I don't have a problem now, but I plan on keeping the
HW-8 forever. Nice rig.

If you get some answers, email me. I
have a HW-8 repair email folder and I'm building

up quite a list of issues solved and unsolved.

Tnx and GL om sk ee
--
72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
mailto:we6w@qsl.net QRP-L member #1068.
http://www.qsl.net/we6w

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [19748] Re: HELP!! Need HW-8 VFO Cap
Message-ID: <337C946D.464C@qsl.net>

All I have right now is the following:
   1. Where to get HW-8 handbook.
   2. Tips from me on aligning the HW-8.
   3. Information about the 80M/40M Core Saturation problem.
   4. Address of HeathKit Repair Business.

So no magic yet. Sure would be nice if the handbooks were
on-line. But then, they can't make any money if its free.
-Ed L.
--
72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
mailto:we6w@qsl.net QRP-L member #1068.
http://www.qsl.net/we6w

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: "John A. Evans - N3QOO" <jaevans@cos.cst.titan.com>
Subject: [19749] Re: HELP!! Need HW-8 VFO Cap
Message-ID: <199705161816.OAA235864@nss2.CC.Lehigh.EDU>

Steve,

  The fact that epoxy would not hold amazes me. The only force I can
  see on the plates themselves would be force at the end of the range
  of the VFO cap. Good epoxy should hold with minor force at the end.

  I am filing this info in the back of my mind, as my HW-8 will get its
  shot at the bench in a few months.

  john

John A. Evans Chief System Administrator
Office: (719) 528-1800 x164 Titan Client/Server Technologies
Fax: (719) 528-1275 1115 Elkton Dr, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454
Personal Web Page: http://www.geocities.com/capecanaveral/9773/

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: "W. D. Lindsey" <70511.3041@compuserve.com>
Subject: [19735] Re: LOUSY CONDX LAST NIGHT
Message-ID: <970516134438_70511.3041_IHD93-1@CompuServe.COM>

Dave:

Yep, lousy. Also again this A.M. with even the Texas signals on 30 not above 5/5-6/9 at my MN QTH. Plus I could hear only one signal on 20 and almost none on 40, or at least uncopyable.

At first I was assuming it had to do with everyone either at Dayton or on their way there. But surely there should have been some DX. In fact, I hoped that *if* everyone was driving to Dayton...it might be a great chance to snag some DX with QRP! No signals = no luck.

So....guess it was poor condx, after all.

72/73,
--Doc/K0EVZ qrp-l 861

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Vic Rosenthal <rakefet@rakefet.com>
Subject: [19736] Re: LOUSY CONDX LAST NIGHT
Message-ID: <337C6FB4.3A89@rakefet.com>

David Kreinberg wrote:
>
> Was it just my QTH, or did we have extremely POOR
> band condx last night?

A large CME (coronal mass ejection?) from the sun hit us, causing a

major magnetic storm (the A-index was up to 50-something at 0200 last night. There was a short period of enhancement first, and then conditions went through the floor.

For details and an impressive graph, check out:

<http://dxlc.com/solar>

Vic

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [19745] Re: LOUSY CONDX LAST NIGHT
Message-ID: <337C8AAF.1D01@qsl.net>

Extremely bad condx. Guy had 100 watts to my 5W.
he's only about 600 miles away. And right where my
antenna hits best. Hollywood,CA.

RST Received: 419
RST Sent   : 439.

10 minutes later and just getting warmed up on the
qso - lots to BS about and BOOM!!!
The whole band goes dead nothing. This all about 0530Z
on 7040 KHz -/+ .

Horrible.
-Ed L
--
72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
mailto:we6w@qsl.net QRP-L member #1068.
http://www.qsl.net/we6w

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [19762] Re: MMA SLV questions
Message-ID: <337CE67D.41CB@dancris.com>

Don't make a simple antenna difficult. Use the radials as in the instruction sheet.

I used the SLV/W6MMA during QTTF on 20 and 40 meters with fine results.
All I had to do was readjust the slider when changing bands, and the SWR
was always 1.2:1 or better, according to my MFJ-259. I didn't even
bother changing the radiator.
--
72/73 de Roger N7KT   n7kt@dancris.com   Mesa, AZ   Grid DM43cj
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383
AK-QRP 167

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: n0acs@juno.com (John R. Morris)
Subject: [19752] Re: Phoenix Xtals
Message-ID: <19970516.120139.6847.4.N0ACS@juno.com>

John, Did you not receive your crystal order, it was sent last
week........sorry it took so long........but I still am covered up with
orders. If it didn't arrive let me know and I'll forward you another to
replace it.
72
John
PHOENIX CRYSTAL

On Thu, 15 May 1997 10:03:15 utc wb0aaq@juno.com (FREDERICK I VAN
ARTSDALEN) writes:
>--------- Begin forwarded message ----------
>From: John Levreault <jlevro@shore.net>
>To: richqrp@cts.com, "Tom R. Rice" <tomrice@netcom.com>
>Cc: free glowbugs <glowbugs@www.atl.org>
>Subject: Re: Phoenix Xtals
>Date: Thu, 15 May 1997 11:58:50 -0400
>Message-ID: <3.0.1.32.19970515115850.0099f910@shell1.shore.net>
>References: <199705150111.SAA03980@netcom5.netcom.com>
>
>At 06:44 PM 5/14/97 -0700, Richard Wilkerson wrote:
>>Tom R. Rice wrote:
>>>
>>> >
>>> > My check went out on 4/2 and nothing has been received yet. I
>emailed him
>>> > about 2 weeks ago and he said they'd be going out within the next
>"few
>>> > days". Hmm.
>>>
>>>   C'mon, he's just one overworked guy trying to do a
>>>   job. Not to gloat, but I was one of the first to

>>>   send in my check for the 40-meter "General" set and
>>>   they arrived in a tad more than two weeks.
>>
>>
>>
>
>Sorry to raise a ruckus. Somebody came on the list and asked if they
>were
>the only ones who hadn't received their order after what was perceived
>to
>be a long time. Well, no, as a matter of fact, mine have yet to
>arrive.
>
>I contacted John at Phoenix Crystals after a month had elapsed from
>when I
>had mailed my check, and he cheerfully informed me that my order had
>not
>been lost (which was why I contacted him) and that he hoped to ship
>that
>Friday. Well, it's been over 2 weeks since then, but I have no reason
>to
>believe that I won't receive my order soon, only that he obviously has
>been
>swamped due to a surprisingly favorable response to this wonderful
>thing
>that he has chosen to do. I'm painfully aware of the trials and
>tribulations of the small shop because I am one. I fully understand
>and
>intended no ill voice towards Phoenix Crystals.
>
>de NB1I
>
>
>
>--------- End forwarded message ----------

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [19754] Re: qrp-l comraderee, etc.
Message-ID: <337CAE8E.492D@qsl.net>

I too get more joy with a member QSO.
72/73 to all.
-Ed L.

Nick Franco wrote:

>
> Hi QRP-Lers,
>
> I love to listen in on a QSO and see if they are running qrp or if they
> mention the QRP-L club, etc. I just gives me that warm fuzzy feelin'.
>
> Today I was on my way back from lunch and listened in on a QSO in
> progress. I guess it was well into things because I already missed all
> the fundamental parts. I heard the callsign of one station. It was our
> own AA0XI - Marshall and he was signing /M9 on his way to Dayton. It
> was music to my ears, so I tuned in a little better. I heard him ask
> the other station if he was on QRP-L and Joe affirmed. Wow, was I
> having a treat here. I didn't recognize Joe's call W2KJ, but one of our
> family here all the same. I tried to position my signal between theirs
> (they were not zeroed in) in hopes to say a quick hello to Marshall who
> was booming in to me at about 579. I didn't think Joe would even hear
> me with the condx lately. However, Joe picked me right out and asked
> Marshall, who didn't hear me at all. I waited for their QSO to end and
> Joe called me back. We had a quick but enjoyable chat. That made me
> day.
>
> I don't know if everyone on the list feels this way, but I'm sure I'm
> not alone either. This is the greatest thrill to me; making a QSO with
> members of this list. I don't have any real interest in DX although
> it's nice to make it through on qrp power. My greatest thrills are when
> I make a q with one of you all. As we grow larger in numbers the
> chances are getting greater to work each other. I especially get a
> charge when I work one of you from the car on my SW-30 at 2 watts to the
> Hamstick (even if it isn't the greatest antenna in the world).
>
> So I figured I'd send in a post about this experience in the name of
> comraderee (sp?). Also to let you know that at lease Marshall is on his
> way to Dayton as planned and working mobile CW to boot. Joe, I'll send
> you out a card today. Thanks for the Q.
>
> have a great weekend all,
> nick - kf2ph
> qrp-l # 13
>
> --
> Nicholas J. Franco   <><   BROOKHAVEN NATIONAL LABORATORY
> Sr. Systems Specialist   RHIC Project   Building 1005
> Tel: (516) 344-5467   UPTON, NY   11973-5000
> Fax: (516) 344-3674   Ham Call: KF2PH
> Email: nickf@bnl.gov   http://www.rhichome.bnl.gov/People/franco

--
72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
mailto:we6w@qsl.net QRP-L member #1068.
http://www.qsl.net/we6w

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: "Michael Connor" <mikec@primenet.com>
Subject: [19755] Re: qrp-l comraderee, etc.
Message-ID: <199705161920.MAA26649@usr06.primenet.com>

Nick Franco wrote,

>don't know if everyone on the list feels this way, but I'm sure I'm
>not alone either. This is the greatest thrill to me; making a QSO with
>members of this list. I don't have any real interest in DX although
>it's nice to make it through on qrp power. My greatest thrills are when
>I make a q with one of you all. As we grow larger in numbers the
>chances are getting greater to work each other.

Let me echo Nick's sentiments. I was listening on 40 the other night while

trying to fix a keyer when I heard Bob, N6WG calling CQ. Recognizing him as
a
listmember, I plugged in a set of paddles to the rig and answered him
using just
the "dah" paddle. Probably some of the worst code I've sent (sorry Bob:-)),
but I didn't want to
let a fellow Qrp-l'er go unanswered.:-)
I realized that I definitely give preference to listmembers or people
signing /qrp calling CQ
over everyone else.
The Qrp-L comaraderie has no equal.:-)

Best,
 Mike
NQ7K
AZ ScQRPions

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: tahrens1@juno.com (Tim H. Ahrens)
Subject: [19756] Re: qrp-l comraderee, etc.
Message-ID: <19970515.143426.9167.0.tahrens1@juno.com>

Nick - you bet! I remember when I got my new call last
fall. On my very first QSO I called CQ, and Tom, N9DD
called me back!

I've got Tom's QSL card framed up on the wall. It's really nice
to catch some of our own, in sometimes odd ways!!

cuall

Tim W5FN

On Fri, 16 May 1997 14:48:26 -0400 Nick Franco <kf2ph@bnl.gov> writes:
>Hi QRP-Lers,
>
>I love to listen in on a QSO and see if they are running qrp or if
>they
>mention the QRP-L club, etc. I just gives me that warm fuzzy feelin'.
>

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: NilsBull@aol.com
Subject: [19725] Re: RULES OF ENGINEERING
Message-ID: <970516081459_709868443@emout02.mail.aol.com>

In a message dated 97-05-15 12:37:27 EDT, QLF%mimi@magic.itg.ti.com writes:
"there ain't no such thing as a dumb question, and the questions that I asked
him were all things that I'd done myself at one time or another."

Oh darn! Now I can see from here that I have my badger plugged in backwards.
How dumb of me! You'd think that I would have learned by now. And he was the
best badger of the lot, too. Always had my meds ready before the nurses came
by to check. Hmmm... Guess I'll have to get another badger out of this box
here and. . .

Oh my gawd! It's an unbuilt HW7! Holy baloney, CheeseMan! I wonder if I can
find someone who wants to deconstruct it.. . . Where's that phone number for
the Pope?

See youze at Dayton, loonies!

Nils
(. . . if you ain't there already . . .)

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [19761] Re: SLV w/MMA question
Message-ID: <Pine.LNX.3.91.970516144641.3407A-100000@dt1.datatamers.com>

Jay,
Put on radials.
72, Dave, W6EMD

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [19714] Re: VLA Detects Gamma-burst
Message-ID: <19970516003513.AAA1541@LOCALNAME>

At 11:25 PM 5/15/97 +0000, you wrote:
>
>It has been busy and interesting the last few days here at the observatory.
>The VLA is observing/mapping a region in the sky only a few milli-arc seconds
>VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV

Very interesting stuff, Paul, -glad to have the input. I'm no scientist but
have subscribed to Sky & Telescope for many years and find these items
valuable in "connecting the dots" to form a picture of the dynamics of the
universe and my place in it all. It's a shared facination, fortunately,
but a shy one... not at all indulged without caution. Sincere thanks for
your contribution.
72 =s=

"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [19746] Re: W1AW Receiver
Message-ID: <337C8C73.78BD@qsl.net>

Wanted to build the W1AW rcvr. But don't get W1AW on
80 Meters here. Do get the 40M/20M broadcasts LOUD
and CLEAR though.

Really want a 40M version for my son. decided to build
the 6-16MHZ general coverage rcvr in QRP-Quarterly, QQ,
that was published in 1996 or 1995, can't remember the exact issue.

I'll build this for now. And if anyone has specific
optimizations for a 40 or 20 Meter W1AW, low-power drain
and portable receiver I'd be interested in the
Circuit.
-Ed L.
--
72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
mailto:we6w@qsl.net QRP-L member #1068.
http://www.qsl.net/we6w

From owner-qrp-l@Lehigh.EDU Fri May 16 18:04:07 1997
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [19742] Re: Xmtr Design help wanted
Message-ID: <Roam.SIMC.2.0.6.863797639.22716.myers@bigboy>

> I received a note on my web page from JuanIgna Muaricio Isla Cortes, CE6WBM,
Bob Hightower wrote:

> requesting information on schematics, pcb layouts, etc., for a 40M, >10 watt
> transceiver.
>
> Not qrp I know, but if anyone has any information they would be willing to
> share, please e-mail him at:
>
>   Jimic@chilepac.net

This probably belongs in the QRP-L FAQ....

Probably the single most useful reference on QRP/near QRP transceiver
design and construction is 'Solid State Design for the Radio Amateur',
by Hayward and DeMaw, published by the ARRL. I think it lists for $12.
Some of specific parts used in this book (particularly old ICs) aren't
made any more, but the vast majority of the material is highly useful.
This is a book that gives the basic design and construction methods
as well as a large collection of ready-done projects. This really should
be the first book on a QRP homebrewer's shelf. QRP Power is good, too, but
is just a collection of projects - Solid State Design gives the knowledge
to get started truly 'rolling your own'.